

PROCEEDINGS
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DESCRIPTION OF A NEW CHIPMUNK FROM GLACIER
NATIONAL PARK, MONTANA.

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Faunal studies of the chipmunks of Montana have shown the necessity for recognizing an undescribed species of *Eutamias* from the eastern slopes of the main Rocky Mountain divide, specimens of which have been in the Biological Survey collection for many years. It may be described as follows:

Eutamias ruficaudus, sp. nov. Rufous-tailed Chipmunk.

Type.—No. 72294, U. S. National Museum, Biological Survey Collection; adult male, skin and skull; from Upper St. Mary's Lake, Montana; collected May 30, 1895, by A. H. Howell; original number 27.

Specific characters.—Similar to *Eutamias umbrinus*, but coloration decidedly more rufescent; head and face more tawny (less grayish); dorsal stripes and spots behind ears less whitish; under side of tail deeper reddish.

Description of type (unworn winter pelage).—Sides of nose cinnamon; top of head and face, cinnamon, mixed with grayish white and bordered with fuscous; stripe from tip of nose above the eye to anterior base of ear and another beneath the eye to posterior base of ear buffy white, these light stripes bordered on each side with fuscous stripes mixed with tawny (the median one in front of and behind the eye); ears fuscous, with a rather broad band of pinkish buff on posterior margin; inside of ear clothed with tawny hairs; median dorsal stripe (extending from crown to root of tail) and lateral pair of dark stripes black or fuscous black, slightly mixed with tawny; alternate dorsal stripes (four in number) grayish white, mixed with tawny, the median pair shading anteriorly into the color of the crown, the outer pair bordered beneath with an indistinct stripe of fuscous black; sides of body deep tawny; thighs and rump mixed cinnamon and grayish white, producing a drabby tone; fore- and hind-feet pinkish cinnamon, the toes washed with pinkish buff; underparts grayish white, faintly washed with pale pinkish buff; under side of tail, Sanford brown,

bordered with fuscous black and edged with pinkish cinnamon; same shades above, but colors more intimately mixed and the blackish more prominent.

Skull.—Closely similar to that of *umbrinus*, but averaging slightly larger; and broader across zygomata.

Measurements.—*Type* (male adult); total length, 227 mm.; tail vertebrae, 118; hind foot (dry) 33.8. *Skull*.—Occipito-nasal length, 35; zygomatic breadth, 19.5; mastoidal breadth, 15.6; least interorbital breadth, 7.6; length of nasals, 11.2.

Remarks.—This handsome chipmunk is apparently a well-marked species, belonging in the *quadrivittatus-umbrinus* group, but not at present known to intergrade with *umbrinus*. It bears some resemblance to *Eutamias felix* from the coast region of British Columbia, but may be distinguished from that species by its whiter belly, more reddish tail, more whitish dorsal stripes, and larger skull with longer rostrum.

The species is represented by a series of 26 specimens from the Glacier Park region (St. Mary's Lake, Bear Creek, Summit, Paola, and Lake McDonald) and 13 specimens from the Bitterroot Mountains (Florence, Bass Creek, and mountains east of Corvallis). Nearly all are in unworn winter pelage, the summer pelage being imperfectly known. Under the name of "forest chipmunk," Bailey has described its habits and range in the Glacier Park region.¹

¹ Bailey, Vernon, *Wild Animals of Glacier National Park*, 1918, p. 42.